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1991 Population Estimates for Utah and Its Counties

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The State of Utah demonstrated strong population growth in 1991. The Utah Population Estimates Committee has estimated that Utah's population reached 1,775,000 on July 1, 1991, an increase of 2.7 percent over the July 1, 1990 population. The state population growth was the fastest since 1982, and the first time since 1983 that Utah has experienced net in-migration. The population increase of almost 46,000 persons included a preliminary natural increase of 27,039 and an implied net in-migration of almost 19,000. The U.S. population was estimated to have grown 1.4 percent for the 15-month period from April 1, 1990 to July 1, 1991.

Fiscal year 1991 experienced a turnaround from several years of previous net out-migration, with net in-migration of almost 19,000. This net in-migration is the third largest in the last 40 years. Although the state had several years of net out-migration, the outward trend had already substantially decreased due primarily to Utah's strong economic performance in 1989 and 1990. The revised estimates of net out-migration were approximately 10,600 in 1989 and only 3,600 in 1990.

While Utah has experienced robust employment growth in the past year, it is assumed that a large number of the people moving to, or back to Utah are doing so as a result of the poor economic conditions in the area in which they were living, rather than solely due to economic opportunities in Utah. For example, the largest migration flow has historically been with California, and in 1991 California's economy was particularly hard hit.

It is very important to note that the data which leads to this increase in population and migration are for the period July 1990 to July 1991; January to January data may lead to different results. In other

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words, while there is no mistake that this is a striking turnaround in net migration for this year, it would be erroneous to make the larger assumption that the magnitude of the in-migration experienced this year is an indication of a long-term trend.

Natural increase is the number of births minus the number of deaths over a period of time, generally one year. Since 1980, the number of deaths in Utah has increased, but at a rate below that of the total population. The number of deaths increased by over 14 percent since 1980, while the population growth for the same period was 21 percent. The preliminary count for deaths in fiscal year 1991 was 9,273, an increase of 3.6 percent over fiscal year 1990. Births, on the other hand, peaked in 1982 and have declined almost every year since, until 1991. In fiscal year 1991, the preliminary count of births was 36,312, an increase of 2.1 percent over the previous year. This is the largest percentage increase in births since 1980. Table 1 presents births and deaths for fiscal and calendar years 1980-1991. Additionally, Table 2 presents the components of change -- migration and natural increase -- by county for the period 1990-1991.

County Growth

The population increase in Utah was distributed across almost all counties -- 25 of Utah's 29 counties experienced net in-migration in 1991. Summit County was the fastest growing county in Utah in 1991, with 6.1 percent growth. Washington County had the second fastest growth, with 5.7 percent, followed by Wasatch (5.6 percent), Piute (5.2 percent) and Uintah (3.8 percent). Figure 1 presents the growth rates for the counties of Utah for 1991.

Eighteen of Utah's counties experienced growth of 2 percent or more, compared to only five counties in the 1989-90 period. Like rural areas across the nation, the rural regions in Utah grew slowly or lost population during the 1980s, so it is of significant interest to note that over half (10) of the 18 counties with 2 percent or more growth in 1991 were located in the rural areas of Utah.

Table 3 presents population density by county for the years 1980, 1990 and 1991. Salt Lake County had the highest population density in the

state, with 1,013 persons per square mile. Only three other counties had population densities greater than 100 persons per square mile: Davis with 640.4; Weber with 281.4; and Utah with 136.1. These four counties account for 4.4 percent of the total square miles in the state, and contain 77.5 percent of the population. Garfield County had the smallest population density, with 0.8 persons per square mile. Almost three-quarters of the counties in the state have population of less than 10 persons per square mile. The average population density for the entire state in 1991 is 21.6 persons per square mile.

Organization and Procedure

Coordination and staffing of the Utah Population Estimates Committee is the responsibility of the Demographic and Economic Analysis (DEA) Section of the Utah State Office of Planning and Budget. The Committee's estimates represent the official estimate for the state and its counties. A listing of Committee members appears on the last page of this article. The Committee's participation in the Federal-State Cooperative Program for Local Population Estimates provides not only for an exchange of data, but also provides for an opportunity to improve the quality of the state and county estimates by both parties.

Methodology for Estimating Population

For the past several years, the Utah Population Estimates Committee has utilized two population estimating methods -- school enrollment and L.D.S. Church membership -- in calculating its state and county estimates. Table 4 displays the population estimates generated by each of the two methodologies, along with the average of the two estimates. This was the procedure used to calculate each county's estimate, with one exception. The L.D.S. growth rate method for 1991 in Utah County produced an estimate which was thought to be unreasonable. After consultation with officials, it was deemed more appropriate to use the school enrollment method growth rate for this year.

School Enrollment Method

The school enrollment method uses changes in school enrollment as an indicator of net migration, along with fiscal year birth and death

records as a measure of natural increase. The Utah Population Estimates Committee, like the Bureau of the Census, relies heavily upon school enrollment data as an indicator of net migration. Since the state does not collect migration statistics, it is important to note that these migration numbers are derived estimates, not an actual count.

The school enrollment method compares a county's survived enrollment (calculated by applying survival rates to the enrollment count) in grades 1-8 for October 1990, to grades 2-9 for October 1991. The difference between these two enrollment totals is taken to be net student migration for the county. Total net migration for the county is then derived by multiplying the county's student migration estimate by the county-specific total population-to-student ratio. This ratio is defined as the total population estimate of the county for 1990 divided by the 1990 grades 1-8 school enrollment. The second component of the school enrollment method is the calculation of natural increase in the county. Natural increase for any year is defined as the number of births minus the number of deaths. The 1991 population estimates are determined, in part, by the number of resident births and deaths that occurred from July 1, 1990 to June 30, 1991.

The school enrollment method, as described above, is limited in estimating migration among the retired, college students, single persons and other groups that are not represented in school enrollment estimates.

L.D.S. Membership Method

The L.D.S. Church annually audits its records and enumerates the members residing in each county of the state. The Committee uses this information to produce a set of county-level population estimates. The L.D.S. membership method uses a total population to L.D.S. membership ratio which is obtained by dividing 1990's population estimate by the 1990 L.D.S. membership. This ratio is applied to the current L.D.S. membership to obtain a county population estimate. This method is relatively accurate in areas with high proportions of L.D.S. membership and low migration rates.

Intercensal Estimates for the 1980s

The Population Estimates Committee has also revised its intercensal county population estimates for the decade of the 1980s. These revised estimates for July 1 of each year, 1980 to 1990, are shown in Table 5. These revisions reflect the new information contained in the 1990 Census of Population, the U.S. Census Bureau's revised intercensal estimates for the State of Utah, and the Committee's school enrollment and L.D.S. membership estimating methodologies.

Over the interval July 1, 1980 to July 1, 1990, the state's population increased from 1,474,000 to 1,729,000, a gain of 17.3 percent. The northern part of the state (Bear River and Wasatch Front Districts) experienced population growth slightly below the state rate, but still maintained its 70 percent share of the state's population. Here, the most rapid growth occurred in Davis and Cache Counties. Only Rich County had a population decline.

During the 1980s, with the exception of Uintah and San Juan Counties, the eastern part of the state (Uintah Basin and Southeastern Districts) suffered population declines. Grand, Emery, and Carbon Counties were particularly depressed, with population declines ranging from 10 to 20 percent. The Central District showed modest population growth, most of which was centered in Millard and Sanpete Counties.

The fastest population growth occurred in the Southwestern and Mountainland Districts. In the former, Washington County's population increased 86 percent, while Iron and Kane Counties also experienced significant growth. In the latter planning district, Summit County's population increased 51 percent. Utah County also experienced population growth in excess of the state average.

Accuracy and Revisions

The Population Estimates Committee was interested in examining the differences between the revised intercensal estimates, and those actually produced annually during the 1980s. The revised set of intercensal estimates presents county estimates different from those produced by the

Estimates Committee during the 1980s. The average annual percentage differences between these revised estimates and the estimates produced during the 1980s are shown in Table 6. On average, only eight counties were under-estimated by more than 1 percent per year; however, 14 counties were over-estimated by more than 1 percent per year. The average difference between the revised state population estimate and the original estimate was 0.17 percent.

Methodology Evaluation

To assure that the best methodologies and procedures are used in estimating population in the

1990s, the Population Estimates Committee undertook an evaluation of the methodologies used by the Committee in the 1980s. The Committee has carefully examined the role of both the L.D.S. membership and school enrollment methods, and the results they produced. There was no question that one methodology worked better in some counties than in others. However, the conclusion of the Committee was that, overall, the best results for estimating population by county were obtained by using both of the above mentioned methodologies. Evaluation of the techniques will continue into the 1990s, but the Committee sees no need to change its methodologies at this time.

Table 1
Resident Utah Births, Deaths
and Natural Increase
Calendar and Fiscal Years 1980-1990/91

1980	Calendar Year (Year Ending 12/31)			Fiscal Year (Year Ending 6/30)		
	Births	Deaths	Natural Increase	Births	Deaths	Natural Increase
1980	41,786	8,103	33,683	41,591	8,108	33,483
1981	41,286	8,263	33,023	41,511	8,112	33,399
1982	41,537	8,502	33,035	41,774	8,404	33,370
1983	39,441	8,484	30,957	40,557	8,346	32,211
1984	38,286	8,944	29,342	38,643	8,886	29,757
1985	37,441	9,044	28,397	37,508	8,923	28,585
1986	36,383	8,886	27,497	37,145	8,790	28,355
1987	35,285	9,055	26,230	35,469	8,813	26,656
1988	36,040	9,185	26,855	35,648	9,122	26,526
1989	35,541	9,223	26,318	35,549	8,916	26,633
1990	36,253	9,125	27,128	35,569	8,950	26,619
1991	N/A	N/A	N/A	36,312	9,273	27,039

Table 2
Components of Change: 1990 to 1991

County	1990 Population Estimate	1990 Natural Increase	Implied Net Migration	1991 Preliminary Estimate
Beaver	4,772	28	49	4,849
Box Elder	36,493	531	94	37,118
Cache	70,519	1,327	99	71,945
Carbon	20,175	165	220	20,560
Daggett	704	5	0	709
Davis	188,470	3,206	3,405	195,081
Duchesne	12,602	195	39	12,836
Emery	10,298	118	(218)	10,198
Garfield	3,968	35	77	4,080
Grand	6,595	57	171	6,823
Iron	20,910	343	246	21,499
Juab	5,796	40	171	6,007
Kane	5,152	46	73	5,271
Millard	11,324	149	95	11,568
Morgan	5,558	59	43	5,660
Piute	1,263	1	64	1,328
Rich	1,727	3	(9)	1,721
Salt Lake	728,164	11,073	7,872	747,109
San Juan	12,617	224	(163)	12,678
Sanpete	16,336	160	391	16,887
Sevier	15,426	134	174	15,734
Summit	15,685	228	725	16,638
Tooele	26,668	361	138	27,167
Uintah	22,220	328	513	23,061
Utah	265,660	5,482	482	271,624
Wasatch	10,120	115	449	10,684
Washington	49,061	547	2,244	51,852
Wayne	2,164	13	11	2,188
Weber	158,707	2,066	1,364	162,137
State Total	1,729,154	27,039	18,821	1,775,014

Table 3
Utah Population Density by County
1980, 1990 and 1991

County	Total Sq. Miles*	1980		1990		1991	
		Census Population	Population per Sq. Mile	Census Population	Population per Sq. Mile	Population Estimate	Population per Sq. Mile
Beaver	2,590	4,378	1.7	4,765	1.8	4,850	1.9
Box Elder	5,724	33,222	5.8	36,485	6.4	37,100	6.5
Cache	1,165	57,176	49.1	70,183	60.3	71,900	61.7
Carbon	1,479	22,179	15.0	20,228	13.7	20,600	13.9
Daggett	698	769	1.1	690	1.0	700	1.0
Davis	305	146,540	481.2	187,941	617.2	195,000	640.4
Duchesne	3,238	12,565	3.9	12,645	3.9	12,800	4.0
Emery	4,452	11,451	2.6	10,332	2.3	10,200	2.3
Garfield	5,175	3,673	0.7	3,980	0.8	4,100	0.8
Grand	3,682	8,241	2.2	6,620	1.8	6,800	1.8
Iron	3,299	17,349	5.3	20,789	6.3	21,500	6.5
Juab	3,392	5,530	1.6	5,817	1.7	6,000	1.8
Kane	3,992	4,024	1.0	5,169	1.3	5,250	1.3
Millard	6,590	8,970	1.4	11,333	1.7	11,600	1.8
Morgan	609	4,917	8.1	5,528	9.1	5,650	9.3
Piute	758	1,329	1.8	1,277	1.7	1,350	1.8
Rich	1,029	2,100	2.0	1,725	1.7	1,700	1.7
Salt Lake	737	619,066	839.5	725,956	984.5	747,000	1013.0
San Juan	7,821	12,253	1.6	12,621	1.6	12,700	1.6
Sanpete	1,588	14,620	9.2	16,259	10.2	16,900	10.6
Sevier	1,910	14,727	7.7	15,431	8.1	15,700	8.2
Summit	1,871	10,198	5.4	15,518	8.3	16,600	8.9
Tooele	6,946	26,033	3.7	26,601	3.8	27,200	3.9
Uintah	4,477	20,506	4.6	22,211	5.0	23,100	5.2
Utah	1,998	218,106	109.1	263,590	131.9	272,000	136.1
Wasatch	1,181	8,523	7.2	10,089	8.5	10,700	9.1
Washington	2,427	26,065	10.7	48,560	20.0	51,900	21.4
Wayne	2,461	1,911	0.8	2,177	0.9	2,200	0.9
Weber	576	144,616	251.2	158,330	275.1	162,000	281.4
State Totals	82,168	1,461,037	17.8	1,722,850	21.0	1,775,100	21.6

*Square Miles from 1990 Census

Table 4
Preliminary 1991 Population Estimates by County

County	July 1, 1990 Population Estimate	Fall 1991 School Enrollment Method	1991 L.D.S. Membership Method	1991 Population Estimate Average	July 1, 1991 Preliminary Population Estimate	1990-91 Percentage Change
Beaver	4,772	4,932	4,766	4,849	4,850	1.62
Box Elder	36,493	37,193	37,043	37,118	37,100	1.71
Cache	70,519	70,576	73,313	71,945	71,900	2.02
Carbon	20,175	20,512	20,608	20,560	20,600	1.91
Daggett	704	697	721	709	700	0.74
Davis	188,470	193,580	196,583	195,081	195,000	3.51
Duchesne	12,602	12,982	12,690	12,836	12,800	1.86
Emery	10,298	10,226	10,171	10,198	10,200	-0.97
Garfield	3,968	4,105	4,055	4,080	4,100	2.82
Grand	6,595	7,009	6,636	6,823	6,800	3.45
Iron	20,910	21,704	21,293	21,499	21,500	2.82
Juab	5,796	6,021	5,993	6,007	6,000	3.65
Kane	5,152	5,268	5,275	5,271	5,250	2.32
Millard	11,324	11,610	11,526	11,568	11,600	2.15
Morgan	5,558	5,685	5,636	5,660	5,650	1.84
Piute	1,263	1,344	1,312	1,328	1,350	5.16
Rich	1,727	1,715	1,726	1,721	1,700	-0.35
Salt Lake	728,164	741,010	753,209	747,109	747,000	2.60
San Juan	12,617	12,720	12,636	12,678	12,700	0.48
Sanpete	16,336	16,850	16,924	16,887	16,900	3.37
Sevier	15,426	15,841	15,627	15,734	15,700	2.00
Summit	15,685	17,021	16,255	16,638	16,600	6.08
Tooele	26,668	27,341	26,993	27,167	27,200	1.87
Uintah	22,220	23,147	22,976	23,061	23,100	3.79
Utah	265,660	271,624	268,058	271,624	272,000	2.24
Wasatch	10,120	10,812	10,556	10,684	10,700	5.57
Washington	49,061	51,316	52,388	51,852	51,900	5.69
Wayne	2,164	2,177	2,198	2,188	2,200	1.10
Weber	158,707	162,420	161,854	162,137	162,000	2.16
State Total	1,729,154	1,767,439	1,779,024	1,775,014	1,775,100	2.65

Table 5
Utah Population Estimates
by County and Multi-County Districts

	July 1 1980	July 1 1981	July 1 1982	July 1 1983	July 1 1984	July 1 1985	July 1 1986	July 1 1987	July 1 1988	July 1 1989	July 1 1990	1980-90 % Change
Beaver	4,400	4,600	4,650	5,000	5,150	5,050	4,950	4,900	4,800	4,800	4,800	9.09
Box Elder	33,500	33,800	34,200	34,700	34,900	35,500	36,000	36,300	36,300	36,500	36,500	8.96
Cache	57,700	59,400	61,200	63,500	64,300	65,200	66,300	67,500	68,500	69,200	70,500	22.18
Carbon	22,400	23,000	24,300	24,100	23,100	22,800	22,300	21,700	21,100	20,400	20,200	-9.82
Daggett	750	850	850	750	750	700	700	700	700	650	700	-6.67
Davis	148,000	153,000	158,000	162,000	166,000	170,000	175,000	179,000	184,000	186,000	188,000	27.03
Duchesne	12,700	13,100	13,700	14,400	14,800	14,700	14,300	13,700	13,100	12,800	12,600	-0.79
Emery	11,600	12,000	12,700	12,700	11,900	11,100	11,100	10,900	10,500	10,400	10,300	-11.21
Garfield	3,700	3,700	3,750	3,900	3,900	4,000	4,000	4,000	3,950	4,000	3,950	6.76
Grand	8,250	8,400	8,150	8,050	7,750	7,200	7,050	6,900	6,750	6,700	6,600	-20.00
Iron	17,500	18,100	18,600	19,500	20,000	20,100	20,300	20,300	20,100	20,400	20,900	19.43
Juab	5,550	5,600	5,700	5,950	6,200	6,300	5,900	5,800	5,800	5,900	5,800	4.50
Kane	4,050	4,050	4,200	4,500	4,700	4,950	5,100	5,150	5,250	5,250	5,150	27.16
Millard	9,050	9,450	10,100	10,800	12,400	12,900	12,200	11,400	11,300	11,300	11,300	24.86
Morgan	4,950	5,000	5,100	5,100	5,150	5,250	5,250	5,350	5,350	5,450	5,550	12.12
Piute	1,350	1,350	1,250	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,250	-7.41
Rich	2,150	2,250	2,350	2,250	2,100	2,050	2,000	1,850	1,750	1,750	1,750	-18.60
Salt Lake	625,000	641,000	659,000	673,000	686,000	697,000	706,000	710,000	713,000	720,000	728,000	16.48
San Juan	12,400	12,600	12,500	12,900	12,600	12,300	12,400	12,600	12,600	12,600	12,600	1.61
Sanpete	14,800	15,200	15,800	16,400	16,400	16,300	15,800	15,900	16,000	16,000	16,300	10.14
Sevier	14,900	15,100	15,300	15,600	15,800	15,900	15,300	15,400	15,400	15,400	15,400	3.36
Summit	10,400	11,100	11,600	12,200	12,800	13,000	13,400	14,200	14,300	15,100	15,700	50.96
Tooele	26,200	26,500	26,700	26,800	27,100	27,300	27,000	27,100	26,500	26,500	26,700	1.91
Uintah	20,700	22,100	24,800	26,000	25,200	24,900	24,000	23,000	22,700	22,200	22,200	7.25
Utah	220,000	227,000	232,000	238,000	243,000	245,000	247,000	252,000	255,000	258,000	266,000	20.91
Wasatch	8,650	8,850	8,700	9,100	9,200	9,200	9,450	9,700	9,750	10,000	10,100	16.76
Washington	26,400	27,900	29,800	31,300	33,300	36,800	40,700	43,200	45,000	47,200	49,100	85.98
Wayne	1,950	2,000	2,000	2,200	2,200	2,200	2,200	2,150	2,200	2,200	2,150	10.26
Weber	145,000	148,000	151,000	153,000	154,000	154,000	156,000	156,000	157,000	158,000	159,000	9.66
<u>Multi County District</u>												
Bear River	93,350	95,450	97,750	100,450	101,300	102,750	104,300	105,650	106,550	107,450	108,750	16.50
Wasatch												
Front	949,150	973,500	999,800	1,019,900	1,038,250	1,053,550	1,069,250	1,077,450	1,085,850	1,095,950	1,107,250	16.66
Mountainland	239,050	246,950	252,300	259,300	265,000	267,200	269,850	275,900	279,050	283,100	291,800	22.07
Six County	47,600	48,700	50,150	52,250	54,300	54,900	52,700	51,950	52,000	52,100	52,200	9.66
Five County	56,050	58,350	61,000	64,200	67,050	70,900	75,050	77,550	79,100	81,650	83,900	49.69
Uintah Basin	34,150	36,050	39,350	41,150	40,750	40,300	39,000	37,400	36,500	35,650	35,500	3.95
Southeastern	54,650	56,000	57,650	57,750	55,350	53,400	52,850	52,100	50,950	50,100	49,700	-9.06
State of Utah	1,474,000	1,515,000	1,558,000	1,595,000	1,622,000	1,643,000	1,663,000	1,678,000	1,690,000	1,706,000	1,729,000	17.31

Source: Utah Population Estimates Committee

Table 6
Average of Percentage Differences in
Annual Population Estimates
1981-1989

County	Percent
Summit	-4.68
Kane	-4.32
Uintah	-3.56
Iron	-3.28
Wayne	-3.04
Washington	-2.92
Grand	-1.88
Juab	-1.03
Salt Lake	-0.96
Beaver	0.00
Duchesne	0.00
Daggett	0.00
Davis	0.06
Wasatch	0.12
State of Utah	0.17
Weber	0.50
Garfield	1.26
San Juan	1.77
Utah	2.02
Cache	2.15
Sevier	2.30
Carbon	2.83
Box Elder	3.01
Rich	3.17
Tooele	3.31
Sanpete	3.53
Morgan	4.21
Emery	5.09
Millard	9.31
Piute	14.98

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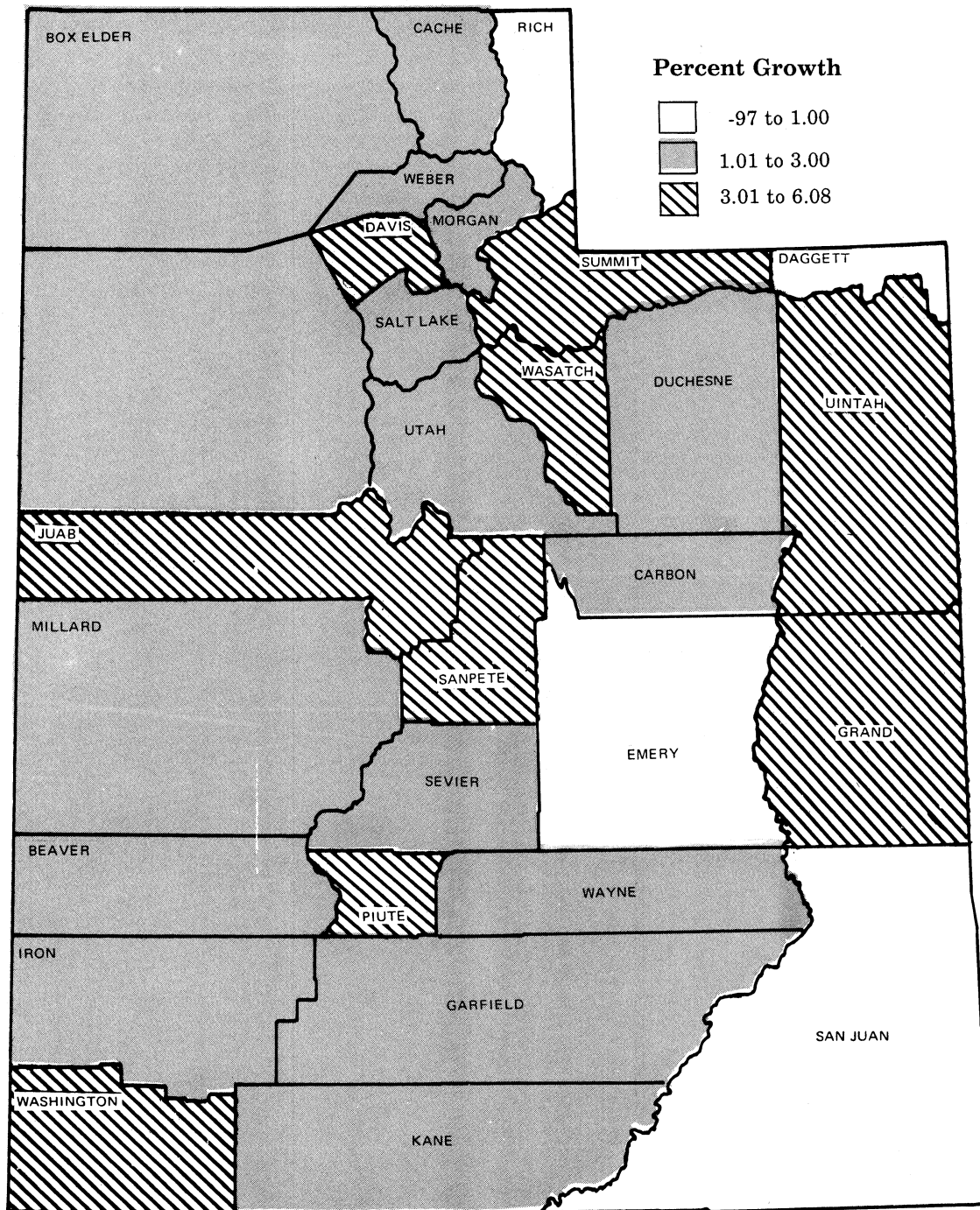
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Figure 1
Population Growth Rates by County
1990-91



Utah Business Statistics

UTAH DATA	Oct. 1990	Oct. 1991	% Change from Year Ago	12-Month Average This Year	12-Month Average Last Year	12-Month Average % Change
Total Personal Income (seasonally adjusted) (mil. of dol.) (qly.)	24,907	NA	NA	NA	23,869	NA
New Corporations (no.)	546	649	18.9%	508	505	0.7%
New Car, Truck, and Motor Home Sales (no.)	5,426	4,810	-11.4%	4,584	5,108	-10.3%
Agriculture -----						
Average Prices Recorded by Farmers (dol.)						
Beef Steers and Heifers (cwt) (thous.)	76.90	68.70	-10.7%	74.33	75.83	-2.0%
Lambs (cwt)	47.40	42.70	-9.9%	43.24	50.56	-14.5%
Milk Wholesale (cwt)	12.00	12.70	5.8%	11.16	13.48	-17.2%
Alfalfa Hay, Baled (per ton)	85.00	59.00	-30.6%	71.08	84.92	-16.3%
Cattle Slaughtered (live weight) (thous. of lbs.)	49,044	NA	NA	NA	46,820	NA
Construction -----						
Total Construction (thous. of dol.) 1	102,207.8	92,432.0	-9.6%	90,170.6	87,372.1	3.2%
Residential	50,209.0	64,163.9	27.8%	52,786.7	44,103.3	19.7%
Nonresidential	34,418.5	15,202.6	-55.8%	23,387.9	28,651.3	-18.4%
Additions, Alterations, and Conversions	17,580.4	13,065.5	-25.7%	13,996.1	14,617.6	-4.3%
Total Permit Construction (thous. of dol.) 2	120,042.9	108,091.2	-10.0%	104,877.0	106,164.5	-1.2%
Residential	55,881.3	75,369.1	34.9%	60,486.4	48,189.8	25.5%
Nonresidential	48,514.8	18,521.2	-61.8%	27,968.9	38,519.8	-27.4%
Additions, Alterations, and Repairs	15,646.8	14,200.9	-9.2%	16,421.7	19,454.9	-15.6%
New Dwelling Units (no.)	674	840	24.6%	702	582	20.7%
Employment -----						
Civilian Labor Force (thous.)	801.9	807.4	0.7%	801.7	793.4	1.0%
Total Employed Persons	771.8	771.4	-0.1%	764.9	759.1	0.8%
Unemployed Persons	30.1	36.0	19.6%	36.8	34.2	7.3%
Percent Total Labor Force	3.8	4.5	18.4%	4.6	4.3	6.3%
Employees on Nonagricultural Payrolls (thous. of jobs)	739.5	759.3	2.7%	745.4	718.6	3.7%
Manufacturing	109.2	107.5	-1.6%	108.4	106.4	1.8%
Mining	8.8	8.5	-3.4%	8.7	8.6	1.0%
Contract Construction	30.8	33.1	7.5%	29.7	27.4	8.6%
Transportation, Communication, and Utilities	42.8	43.4	1.4%	43.0	42.1	2.1%
Wholesale Trade	39.5	40.3	2.0%	39.2	38.4	2.0%
Retail Trade	136.1	140.0	2.9%	137.9	133.2	3.5%
Finance, Insurance, and Real Estate	34.3	35.9	4.7%	35.2	34.0	3.4%
Services 3	184.7	194.1	5.1%	190.3	178.5	6.6%
Federal Government	39.0	38.3	-1.8%	39.0	40.3	-3.2%
State Government 4	43.4	44.8	3.2%	43.2	41.5	4.0%
Local Government 4	70.9	73.4	3.5%	70.8	68.2	3.9%
Average Weekly Hours						
Manufacturing	40.0	40.3	0.7%	39.9	39.9	-0.2%
Mining	43.7	43.5	-0.5%	44.2	42.9	3.1%
Wholesale Trade	36.9	35.5	-3.8%	37.4	37.3	0.2%
Retail Trade	26.5	26.3	-0.8%	26.4	26.8	-1.6%
Amount of Unemployment Compensation (thous. of dol.)	3,741.2	5,139.5	37.4%	5,866.9	4,904.7	19.6%
Finance -----						
Savings, Savings and Loan Association (mil. of dol.)	1,181.4	865.0	-26.8%	NA	1,784.5	NA
Tax Collections by the State of Utah (thous. of dol.)						
Total Tax Collections	NA	NA	NA	NA	NA	NA
Sales and Use Tax	NA	NA	NA	NA	NA	NA
Motor Fuel Tax	NA	NA	NA	NA	NA	NA
Individual Income Tax	NA	NA	NA	NA	NA	NA
Corporation Franchise Tax	NA	NA	NA	NA	NA	NA
Production -----						
Crude Oil to Refineries (thous. of bbls.)	3,466.0	3,828.8	10.5%	3,624.3	3,617.6	0.2%
Crude Oil (thous. of bbls.)	2,295.4	1,850.1	-19.4%	2,051.7	2,301.6	-10.9%
Natural Gas (mil. of cu. ft.)	28,297.7	28,670.9	1.3%	27,109.0	26,047.6	4.1%
Coal (thous. short tons)	1,961.0	1,711.0	-12.7%	1,860.4	1,868.6	-0.4%
Tourism/Travel -----						
Air Passengers (total no. on and off)(S.L. Int'l Airport)	903,789	972,767	7.6%	1,032,957	1,001,973	3.1%
Highway Traffic Count Across State Lines	44,930	46,478	3.4%	45,671	43,532	4.9%
Transient Room Tax (thous. of dol.)	NA	NA	NA	NA	NA	NA
Visits, State, Nat'l. Parks, Monuments (thous.)	978.9	1,140.1	16.5%	1,190.3	1,111.6	7.1%
Utilities -----						
Telephone Lines in Service (Mt. Bell)(Residential)	524,531	543,077	3.5%	533,540	514,046	3.8%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	198,211	207,485	4.7%	203,842	193,010	5.6%
Electric Customers (Residential)	NA	500,154	NA	498,518	NA	NA
Electric Customers (Commercial)	NA	49,634	NA	49,517	NA	NA
Natural Gas Customers (Residential & Commercial)	485,128	497,087	2.5%	496,552	484,547	2.5%
Natural Gas Customers (Industrial)	576	661	14.8%	601	571	5.3%

Utah Business Statistics

UTAH DATA

	Oct. 1990	Oct. 1991	% Change from Year Ago	12-Month Average This Year	12-Month Average Last Year	12-Month Average % Change
Davis County -----						
Non-Ag. Employment (thous.)	60.9r	60.9	0.0%	60.8	59.4	2.4%
Unemployment Rate	4.1r	4.7	14.6%	4.4	4.0	8.9%
Auth. Permit Construction (thous. of dol.)	16,975.4	13,353.6	-21.3%	12,491.1	10,856.0	15.1%
New Dwelling Units (no.)	105	87	-17.1%	85	79	7.9%
Postal Receipts (thous. of dol.)	825.5	913.2	10.6%	722.5	642.1	12.5%
Electric Customers (Residential)	50,211	51,142	1.9%	50,691	49,865	1.7%
Electric Customers (Commercial)	3,741	3,892	4.0%	3,821	3,678	3.9%
Natural Gas Customers (Residential)	52,913	54,021	2.1%	54,005	52,777	2.3%
Natural Gas Customers (Industrial)	56	83	48.2%	65	56	15.6%
Telephone Lines in Service (Mt. Bell)(Residential)	61,062	63,337	3.7%	62,184	59,791	4.0%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	13,066	13,795	5.6%	13,376	12,709	5.3%
Salt Lake County -----						
Non-Ag. Employment (thous.)	375.7r	386.3	2.8%	379.4	366.1	3.6%
Unemployment Rate	4.0r	4.6	15.0%	4.2	3.8	9.8%
Auth. Permit Construction (thous. of dol.)	45,802.1	44,227.9	-3.4%	42,211.5	49,379.3	-14.5%
New Dwelling Units (no.)	234	293	25.2%	249	204	21.7%
Postal Receipts (thous. of dol.)	8,286.0	10,346.7	24.9%	NA	8,038.0	NA
Electric Customers (Residential)	247,887	251,511	1.5%	249,627	246,115	1.4%
Electric Customers (Commercial)	21,178	21,793	2.9%	21,505	21,144	1.7%
Natural Gas Customers (Residential)	227,897	231,416	1.5%	232,008	228,015	1.8%
Natural Gas Customers (Industrial)	245	257	4.9%	250	245	1.8%
Telephone Lines in Service (Mt. Bell)(Residential)	246,881	255,303	3.4%	251,107	242,076	3.7%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	119,830	123,813	3.3%	122,781	117,138	4.8%
Utah County -----						
Non-Ag. Employment (thous.)	98.7r	103.3	4.7%	99.0	92.6	6.9%
Unemployment Rate	3.8r	4.7	23.7%	4.2	3.7	13.1%
Auth. Permit Construction (thous. of dol.)	25,346.7	19,128.1	-24.5%	19,439.7	15,765.0	23.3%
New Dwelling Units (no.)	106	196	84.9%	131	102	28.6%
Postal Receipts (thous. of dol.)	1,752.0	2,117.3	20.9%	1,993.1	1,690.1	17.9%
Electric Customers (Residential)	56,878	54,990	-3.3%	55,280	53,555	3.2%
Electric Customers (Commercial)	7,351	6,170	-16.1%	6,458	7,080	-8.8%
Natural Gas Customers (Residential)	64,486	66,095	2.5%	65,930	64,309	2.5%
Natural Gas Customers (Industrial)	74	82	10.8%	78	74	6.1%
Telephone Lines in Service (Mt. Bell)(Residential)	68,438	70,567	3.1%	69,134	66,881	3.4%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	21,483	22,968	6.9%	22,300	20,627	8.1%
Weber County -----						
Non-Ag. Employment (thous.)	66.7r	67.2	0.7%	67.3	65.7	2.4%
Unemployment Rate	5.5r	6.1	10.9%	5.6	5.3	5.8%
Auth. Permit Construction (thous. of dol.)	9,573.4	6,702.6	-30.0%	6,350.9	7,373.7	-13.9%
New Dwelling Units (no.)	60	48	-20.0%	44	45	-2.6%
Postal Receipts (thous. of dol.)	749.7	773.7	3.2%	795.3	721.4	10.2%
Electric Customers (Residential)	54,992	55,826	1.5%	55,508	54,771	1.3%
Electric Customers (Commercial)	5,126	5,205	1.5%	5,210	5,094	2.3%
Natural Gas Customers (Residential)	51,182	51,779	1.2%	51,987	51,244	1.4%
Natural Gas Customers (Industrial)	81	92	13.6%	81	83	-2.0%
Telephone Lines in Service (Mt. Bell)(Residential)	47,469	48,883	3.0%	48,223	47,093	2.4%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	13,374	13,779	3.0%	13,621	13,064	4.3%

1 Obtained from U.S. Bureau of the Census Construction Statistics Division.

2 Obtained from *Utah Construction Report*.

3 Includes services by nonprofit and religious organizations.

4 Includes public schools and college institutions.

NA
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Not Available
Revised

Sources:

Personal Income	U.S. Department of Commerce, Bureau of Economic Analysis.
New Corporations	Utah Secretary of State.
New Car and Truck Sales	Utah State Tax Commission, Economic and Statistical Unit.
Agriculture	U.S. Department of Agriculture, Utah Agricultural Statistics Service, <i>Utah Agriculture</i> .
Construction Data	U.S. Bureau of the Census and Bureau of Economic and Business Research, <i>Utah Construction Report</i> .
Employment Data	Utah Department of Employment Security.
Savings Information	Utah Savings and Loan Institutions.
Tax Collections	Utah State Tax Commission.
Crude Oil Production	Utah Department of Oil, Gas, and Mining and Area Oil Refineries.
Natural Gas Production	Utah Department of Oil, Gas, and Mining.
Coal Production	U.S. Department of Energy.
Air Passengers	Salt Lake City International Airport, Statistics Division.
Highway Traffic Count	Utah Department of Transportation.
Visits to State and National Parks and Monuments	U.S. Forest Service, Utah State Parks and Recreation Department.
Utilities Data	Cooperating Utah Utility Companies.
Postal Receipts	Postmasters in Davis, Salt Lake, Utah, and Weber Counties.

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NATIONAL DATA	Oct. 1990	Oct. 1991	% Change from Year Ago	12-Month Average This Year	12-Month Average Last Year	12-Month Average % Change
U.S. Gross Domestic Product (seasonally adjusted) (bil.) (qtl.)	5,557.5	5,736.6	3.2%	5,642.0	5,477.6	3.0%
Total Personal Income (seasonally adjusted) (bil. of dol.)	4,740.0	4,881.7	3.0%	4,813.6	4,608.1	4.5%
Industrial Production Indexes (seasonally adjusted) (1987=100)	109.9	108.2	-1.5%	107.1	109.3	-2.0%
New Plant and Equipment Expenditures by Business (bil.) (qtl.)	530.1	532.0	0.4%	529.7	531.2	-0.3%
Net Exports of Goods and Services (bil.) (qtl.)	-76.6	-17.3	-77.4%	-37.0	-74.5	-50.3%
Exports of Goods and Services (bil.) (qtl.)	572.6	620.4	8.3%	585.3	541.9	8.0%
Imports of Goods and Services (bil.) (qtl.)	649.2	637.7	-1.8%	622.3	616.4	1.0%
Index of Leading Indicators (1982=100)	141.5	145.6	2.9%	142.6	144.9	-1.6%
Price Indexes -----						
Consumer Price Indexes (not seasonally adjusted) (1982-84=100)						
CPI-U (All Urban Consumers) All Items	133.5	137.4	2.9%	135.5	129.4	4.8%
CPI-U (All Urban Consumers) Food & Beverages	133.4	136.5	2.3%	136.2	130.9	4.0%
CPI-U (All Urban Consumers) Housing	130.6	134.7	3.1%	132.9	127.6	4.2%
CPI-U (All Urban Consumers) Transportation	125.8	124.0	-1.4%	124.2	118.5	4.7%
CPI-U (All Urban Consumers) Medical Care	167.1	180.7	8.1%	174.8	160.4	9.0%
CPI-U (All Urban Consumers) Energy	111.4	101.8	-8.6%	103.9	99.2	4.8%
Producer Price Index (not seasonally adjusted) (1982=100)						
Producer Price Index, All Finished Goods	122.3	122.3	0.0%	121.7	117.9	3.2%
GNP Price Deflator (1982=100) (qtl.)	133.1	NA	NA	NA	130.6	NA
Civilian Employment (seasonally adjusted) -----						
Total Civilian Labor Force (mil.)	124.9	125.5	0.5%	125.2	124.7	0.4%
Total Civilian Employment (mil.)	117.6	116.9	-0.6%	117.0	118.0	-0.9%
Unemployment Rate	5.8	6.9	19.0%	6.6	5.4	21.9%
Construction -----						
Total Construction (mil. of dol.)	21,454.0	22,738.0	6.0%	18,372.9	21,013.0	-12.6%
Residential	8,530.0	9,984.0	17.0%	7,881.0	9,159.1	-14.0%
Nonresidential	8,824.0	8,337.0	-5.5%	6,455.8	7,720.3	-16.4%
Non-Building	4,100.0	4,417.0	7.7%	4,036.1	4,133.4	-2.4%
New Dwelling Units (no.)	91,332	97,329	6.6%	79,685	99,175	-19.7%
Interest Rates -----						
Federal Funds Rate	8.11	5.21	-35.8%	6.18	8.26	-25.2%
Short Term (3-month Treasury bill rate)	7.19	5.03	-30.0%	5.84	7.63	-23.4%
Long Term (30-year Treasury bond yields)	8.93	7.88	-11.8%	8.28	8.66	-4.3%
Prime Rates Charged by Banks on Short-term Business Loans (avg.)	10.00	8.00	-20.0%	8.90	10.09	-11.8%
Mortgage Rates (new homes)	9.68	8.78	-9.3%	9.22	9.72	-5.1%

Sources: *Survey of Current Business*, U.S. Department of Commerce: U.S. Gross National Product, Total Personal Income, Industrial Production Indexes, New Plant and Equipment Expenditures by Business, Export/Import Data, Index of Leading Indicators, GNP Price Deflator, National Employment Data, Interest Rates.

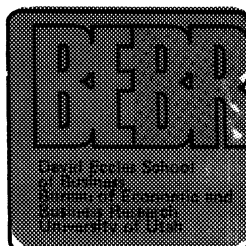
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